

Special Issue

Rock Fall Protection for Surface Mining

Message from the Guest Editors

Rockfall represents one of the most dangerous landslide phenomena, due to its unpredictability, its abruptness, and the very high energy involved. The detachment of rock blocks can affect not only natural slopes but it also represents a serious hazard in mining environments, causing possible damage to personnel, machinery, and infrastructures. Consequently, an accurate and effective predisposal and design of mitigation measures and, above all, structural protection works are required. This Special Issue aims to attract world-leading researchers in the area of rockfall and mining to highlight the importance of the design of effective and efficient mitigation measures, outlining innovative solutions and technologies, as well as design procedures. A special focus has to also be devoted to the effects of aging, corrosion, exceptional loads, and other phenomena that can occur during the working life of the protective devices, providing profitable solutions to evaluate the residual efficiency, and to predispose maintenance and repair works.

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Message from the Editor-in-Chief

Understanding the Earth's origin and its bio-geological evolution, the multiple implications of the geosciences (as a coherent set of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientifically based political decisions.

We are committed to drive *Geosciences* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts.

Editor-in-Chief

Prof. Dr. John C. Eichelberger

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